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November 9, 2001

Isabelle M. Clauss, Ph.D., J.D.  
Boston Office  
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TELE 1600/2900

Box AF  
Assistant Commissioner of Patents  
Washington, DC 20231

Re: U.S. Patent Application No.: 09/181,311  
Entitled: *In Vitro Differentiation of Vascular Smooth Muscle Cells, Methods and Reagents Related Thereto*  
Filed: October 28, 1998; By: Lee et al.  
Group Art Unit: 1647; Examiner: Turner, S.  
Atty Ref: HUV-046.01 (former APV-382.01)

Dear Sir:

Enclosed for filing in the above-referenced patent application, please find the following:

1. Fee Calculation Sheet/Transmittal of Response and Amendment;
2. Response and Amendment;
3. Notice of Appeal to the Board of Patent Appeals and Interferences;
4. Check in the amount of \$320.00 for Notice of Appeal;
5. Petition for Three-Month Extension of Time;
6. Check in the amount of \$920.00 for Extension of Time; and
7. Return Receipt Postcard.

The Commissioner is hereby authorized to charge any under-payments or credit any over-payments to our Deposit Account No. 06-1448.

<b>Certificate of First Class Mailing</b>	Respectfully submitted, FOLEY, HOAG & ELIOT LLP
I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Box AF, Assistant Commissioner for Patents, Washington, DC 20231 on the date set forth below:  <u>November 9, 2001</u> Date  	 Isabelle M. Clauss, Ph.D. Reg. No. 47,326 Attorney for Applicants Customer ID No. 25181

20/467868.1

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WASHINGTON, DC / 1747 Pennsylvania Ave., NW / Suite 1200 / Washington, DC 20006 / TEL: 202.223.1200 / FAX: 202.785.6687  
Foley, Hoag & Eliot LLP

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Lee et al.

Serial No.: 09/181,311

Filed: October 28, 1998

For: *In Vitro Differentiation of Vascular Smooth Muscle cells and Reagents Related Thereto*

Examiner: Turner, S.

Group Art Unit: 1647

Atty Docket No.: HUV-046.01  
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November 9, 2001  
Date of Signature and Mail Deposit

By: Michael Phelan

**FEE CALCULATION SHEET/TRANSMITTAL OF RESPONSE AND AMENDMENT**

Sir/Madam:

Transmitted herewith is a Response and Amendment, Notice of Appeal, Petition for Three-Month Extension of Time, and all applicable fees.

	No. Claims after Amendment		Highest No. Previously Paid For	EXTRA		RATE	SMALL ENTITY		OTHER THAN SMALL ENTITY	
							ADDT'L FEE	OR	RATE	ADDITIONAL FEE
TOTAL	11	MINUS	43	0		x 9=	\$0		x 18 =	\$0
INDEP.	1	MINUS	11	0		x 42 =	\$0		x 84 =	\$0
[ ] FIRST PRESENTATION OF MULTIPLE DEP. CLAIM						+140 =	\$0		x 280 =	\$0
TOTAL ADDITIONAL						FEE	\$0	OR	TOTAL	\$0

[ ] The Commissioner is authorized to charge the amount of \$ \_\_\_\_\_ for the extra claims to our Deposit Account No. 06-1448.

[X] Check in the amount of \$320.00 for Notice of Appeal is enclosed.

[X] Check in the amount of \$920.00 for Three-Month Extension of Time is enclosed.

[X] Please charge any additional fees or credit any overpayments associated with this communication to our Deposit Account No. 06-1448.

Respectfully submitted,



Isabelle M. Clauss, Ph.D.  
Reg. No. 47,326  
Attorney for Applicants

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Date: November 9, 2001